

**Supplementary Figure S2** CASA kinematic data in sperm following preparation by DGC. No significant difference in % total motility ( $\bf A$ ) or % progressive motility ( $\bf B$ ) seen with 10  $\mu$ M compound A–E compared with control over time: time 0 (T0) to 120 min. No significant difference in average path velocity (VAP;  $\bf C$ ), curvilinear velocity (VCL;  $\bf D$ ), straight-line velocity (VSL;  $\bf E$ ) or lateral head displacement (ALH;  $\bf F$ ) following incubation with 10  $\mu$ M compound A over time: time 0–120 min. No significant difference in VAP ( $\bf G$ ), VCL ( $\bf H$ ), VSL ( $\bf I$ ) or ALH ( $\bf J$ ) following incubation with 10  $\mu$ M compound B over time: time 0–120 min. CASA, computer-assisted sperm assessment; DGC, density gradient centrifugation.

